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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/783,377	
	Filing Date	February 13, 2001	
	First Named Inventor	Vladimir Segal et al.	
	Art Unit	1742	
	Examiner Name	Morillo, Janell Combs	
Total Number of Pages in This Submission		Attorney Docket Number	30-5022(4015)

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Jennifer J. Taylor, Ph.D., Reg. No. 48,711; Wells St. John P.S.
Signature	<i>Jennifer J. Taylor</i>
Date	August 24, 2004

CERTIFICATE OF TRANSMISSION/MAILING	
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Date	8/24/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/783,377
Filing Date February 13, 2001
Inventor Vladimir Segal et al.
Assignee Honeywell International Inc.
Group Art Unit 1742
Examiner Morillo, Janell Combs
Attorney's Docket No. 30-5022(4015)
Title: Methods of Forming Aluminum-Comprising Physical Vapor Deposition Targets;
Sputtered Films; and Target Constructions

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References - - See attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449. No admission is made regarding whether all the submitted references are prior art.

This Supplemental Information Disclosure Statement is being filed after the filing of the Request for Continued Examination (RCE) Application and before receipt of the first Office Action on the merits. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Supplemental Information Disclosure Statement, please charge the fee specified under 37 C.F.R. §1.17(p) to Deposit Account No. 23-0925. Please credit Deposit Account No. 23-0925 with any overpayment of the above fee.

Citation of these references is respectfully requested.

Respectfully submitted,

Date:

August 24, 2004

Jennifer J. Taylor

Jennifer J. Taylor, Ph.D.
Reg. No. 48,711



Form PTO 1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
30-5022(4015)SERIAL NO.
09/783,377LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Vladimir Segal et al.FILING DATE
February 13, 2001GROUP
1742

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA					
	AB					
	AC					
	AD					
	AE					

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	AF						
	AG						
	AH						
	AI						
	AJ						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AK		V. M. Segal et al., "Processes of Plastic Structure Formation", Science and Engineering, 1994, published in Russia, Chapters 1, 3 and 4, with Statement in Accordance with 37 CFR 1.98(a)(3)(i).
	AL		
	AM		
	AN		
	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

STATEMENT IN ACCORDANCE WITH 37 CFR 1.98(a)(3)(i)

I, Vladimir M. Segal, hereby set forth a concise statement of the relevance of the non-English language document "Processes of Plastic Structure Formation", by V.M. Segal, V. I. Reznikov, V.I. Kopylov, D. A. Pavlik, and V. F. Malyshev; Minsk, Science and Engineering, (1994) which was published in Russia (in the Russian language). As one of the authors of the Russian document, I am the individual designated in 37 CFR 1.56(c) who is most knowledgeable about the content of the document.

The portions of the reference of possible relevance are Chapters 1) Simple shear in material processing; Chapter 3) Equal channel angular extrusion processing; and Chapter 4) Forging and extrusion with additional shear. Chapter 1 is primarily a discussion of the theory of shear and includes theoretical analysis of stress-strain that occurs during equal channel angular extrusion (ECAE). Chapter 3 is a presentation of concepts associated with the ECAE process, apparatus for conducting ECAE, and various ECAE processing routes. Chapter 4 discusses combined processing, analysis of combined loading and extrusion with transverse shear.

The relevance of the portions of the reference indicated above is with respect to general ECAE processing techniques and apparatus parameters, and the effect of these parameters on shear produced during the ECAE processing.

Dated: July 19, 2004

By: Vladimir Segal
Vladimir M. Segal